

Title (en)
COVERED BUCKLE AND DEVICE FOR ITS MANUFACTURE

Publication
EP 0329096 B1 19920429 (DE)

Application
EP 89102557 A 19890215

Priority
DE 3805154 A 19880219

Abstract (en)
[origin: WO8907405A1] A buckle with parts for attachment to a belt comprises an upper buckle part (1) of concave cross-section and a lower buckle part (2) of concave cross-section and a lower buckle part (2) of concave cross-section which can be pressed into the latter. The open upper and lower sides face each other and the buckle interior receives the ends of the belt material (3) passing around the upper buckle part (1). The lower surface (5) and upper surface (4) of the buckle are not mutually parallel. However, the lower side of the lower buckle part (2) forming the lower surface (5) is parallel to the opening plane of the lower side (7) of the upper buckle part (1), and the opening plane of the upper side (6) of the lower buckle part (2) is parallel to the upper side (4) of the upper buckle part (1) which forms the upper surface. Also described is a device for producing the buckle to be attached to material.

IPC 1-7
A44B 11/00

IPC 8 full level
A44B 11/00 (2006.01)

CPC (source: EP KR US)
A44B 11/00 (2013.01 - KR); **A44B 11/003** (2013.01 - EP US); **Y10T 24/1997** (2015.01 - EP US); **Y10T 24/367** (2015.01 - EP US); **Y10T 24/3672** (2015.01 - EP US)

Designated contracting state (EPC)
AT BE DE ES FR GB GR IT NL

DOCDB simple family (publication)
EP 0329096 A1 19890823; EP 0329096 B1 19920429; AT E75379 T1 19920515; AU 3053089 A 19890906; AU 610993 B2 19910530; CA 1321054 C 19930810; DE 3805154 A1 19890831; DE 3805154 C2 19910221; DE 58901252 D1 19920604; ES 2010965 A4 19891216; ES 2010965 T3 19921216; JP H02504351 A 19901213; JP H0722525 B2 19950315; KR 900700030 A 19900811; US 5036566 A 19910806; WO 8907405 A1 19890824; ZA 89569 B 19891025

DOCDB simple family (application)
EP 89102557 A 19890215; AT 89102557 T 19890215; AU 3053088 A 19881209; AU 3053089 A 19891209; CA 588058 A 19890112; DE 3805154 A 19880219; DE 58901252 T 19890215; EP 8801134 W 19881209; ES 89102557 T 19890215; JP 50205789 A 19881209; KR 890701928 A 19891020; US 42708689 A 19891016; ZA 89569 A 19890125